



ISUZU CXH 16V CHASSIS/CAB, TWIN STEER, TANDEM DRIVE

STANDARD GVM 27000 kg

STANDARD GCM 38000 kg

ORDERING CODE: 8DF03 & V7A

KERB MASS (estimated) 9150 kg

DRIVELINE SPECIFICATION

ENGINE	TRANSMISSION	AXLES																														
<p>Model: ISUZU 6RA1-TC. Type: Six cylinder in-line, 4 cycle, overhead valve, direct injection turbocharged diesel with intercooler. Bore and Stroke: 135mm x 140mm. Displacement: 12023cm³. Max Net Power: (DIN) 207kW @ 2300rpm Max Net Torque: (DIN) 1186Nm @ 1200rpm. Compression Ratio: 16.0:1 RAC Rating: 67.8</p>	<p>Type: Fuller RTO 11613, 13 speed with overdrive. Ratios to 1.</p> <table border="1"> <tr><td>Low:</td><td>12.56</td></tr> <tr><td>1st:</td><td>8.32</td></tr> <tr><td>2nd:</td><td>6.18</td></tr> <tr><td>3rd:</td><td>4.54</td></tr> <tr><td>4th:</td><td>3.38</td></tr> <tr><td>5th:</td><td>2.46</td></tr> <tr><td>5thO/D:</td><td>2.15</td></tr> <tr><td>6th:</td><td>1.83</td></tr> </table> <table border="1"> <tr><td>6thO/D:</td><td>1.60</td></tr> <tr><td>7th:</td><td>1.34</td></tr> <tr><td>7thO/D:</td><td>1.17</td></tr> <tr><td>8th:</td><td>1.00</td></tr> <tr><td>8thO/D:</td><td>0.87</td></tr> <tr><td>Rev:</td><td>3.89</td></tr> <tr><td>LowRev:</td><td>13.13</td></tr> </table>	Low:	12.56	1st:	8.32	2nd:	6.18	3rd:	4.54	4th:	3.38	5th:	2.46	5thO/D:	2.15	6th:	1.83	6thO/D:	1.60	7th:	1.34	7thO/D:	1.17	8th:	1.00	8thO/D:	0.87	Rev:	3.89	LowRev:	13.13	<p>AXLE, FRONT Type: Reverse Elliot I Beam. Capacity: 5500kg each axle. 11,000kg total.</p> <p>AXLE, REAR Type: Banjo, fully floating. Capacity: 10,500kg each axle. 21,000kg total Final Gear Ratio: 4.875:1</p> <p>BRAKES Dual circuit full air: front and rear Lining area: Front 4016cm² Rear 5168cm² Total 9184cm²</p> <p>WHEELBASE 5600mm (mecm)</p>
Low:	12.56																															
1st:	8.32																															
2nd:	6.18																															
3rd:	4.54																															
4th:	3.38																															
5th:	2.46																															
5thO/D:	2.15																															
6th:	1.83																															
6thO/D:	1.60																															
7th:	1.34																															
7thO/D:	1.17																															
8th:	1.00																															
8thO/D:	0.87																															
Rev:	3.89																															
LowRev:	13.13																															

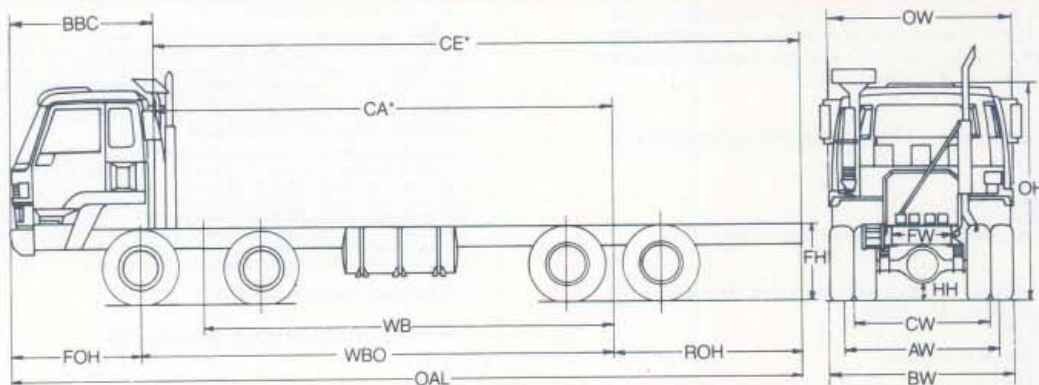
CHASSIS RATINGS

GROSS VEHICLE and GROSS COMBINATION MASS RATING

ESTIMATED KERB WEIGHT (chassis and cab with oil, water and full fuel tank) (kg)

GVM (kg)	GCM (kg)	TYRES	FRONT	REAR	TOTAL
27000	38000	10.00x20 (12)	5735	3415	9150

DIMENSIONS



LENGTHS

		(mm)
Wheelbase	(mean) WB	5600
1st axle to mid point of tandem	WBO	6250
Front overhang	FOH	1830
Rear overhang	ROH	2600
Bumper to back of cab	BBC	2030
Cab to mid point of tandem	CA*	6250
Cab to end of frame	CE*	8850
Overall length	OAL	10880

WIDTHS

		(mm)
Frame width (rear)	FW	850
Front track	AW	2050
Rear track	CW	1855
Outside rear track	BW	2475
Overall width	OW	2490

HEIGHTS

		(mm)
Overall cab height (approx.)	OH	2960
Rear axle clearance (approx.)	HH	255
Frame height (approx.)	FH	1030

TURNING CIRCLE

	(m)
Kerb to kerb	22.0
Wall to wall	23.9

* CA & CE dimensions are effectively reduced by 290mm with fitment of vertical exhaust pipe and protector

ISUZU CXH 16V

CAB/CHASSIS COMPONENT SPECIFICATIONS

AXLE FRONT

Type: Reverse Elliot I Beam
Capacity: 5500kg each axle. 11,000kg total.

AXLE REAR: TANDEM

Type: Banjo, fully floating. Hypoid Gear 440mm dia.
Capacity 10,500kg each axle. 21,000kg total
Final Gear Ratio: 4.875:1

BRAKES, SERVICE

Dual circuit full air, front and rear leading trailing
"S" - Cam. Exhaust brake. Air tank auto drain cock.
Total lining area: 9184cm².

PARK BRAKE

Type: Spring/air at rear wheels.

CABIN

EXTERIOR

- All steel cab with manual tilt and full-float cab suspension.
- Laminated windscreen and safety glass side and rear windows.
- Two speed and intermittent windshield wipers and washer.
- West Coast type rear view mirrors. Two stage entry step.
- Dual headlamps. Combination rear lamps. Lifting type spare wheel carrier. General hand tools and hydraulic jack.
- Tyre inflater. Fog lamps.
- Optional Equipment: Automatic cab tilt.

INTERIOR

- Telescopic tilt steering column. Multi-adjustable driver's air suspension seat: forward, aft, recline and suspension tension.
- Retracting seatbelts. Large centre storage compartment.
- Overhead parcel shelf. Sleeper mattress and curtain.
- Ashtray. Sun visors. Cigar lighter. Dash, floor and cab roof ventilation points. Two speed fan and heater/demister. AM radio. Dual tone air horn.
- Optional Equipment: Integrated air conditioning.

INSTRUMENTS

- Combination stalk control for turn signal, and drive headlamp dimmer, hazard warning flasher. Left hand stalk for windshield washer and wiper and exhaust brake. GAUGES, speedometer, tachometer, dual air pressure, water temperature, oil pressure, fuel level, voltage. INDICATOR LAMPS for turn signal, exhaust brake, high beam, spring brake and parking brake. WARNING LAMPS for battery charge, water level, air cleaner, fuel sediment, engine overheat, low air pressure, exhaust temperature, oil pressure, engine over-run, stop and tail lamp failure. Audible warning buzzer for engine over-run and exhaust temperature.

CLUTCH

Spicer twin plate angle spring 350mm diameter hydraulically operated.
Model AS2-1402

DRIVE LINE

Type: Tubular shafts, needle bearing universal joints.

ENGINE

Type: Six cylinder in line, 4 cycle, overhead valve, direct injection turbocharged diesel with intercooler.

Model: ISUZU 6RA1-TC

Bore and Stroke: 135mm x 140mm

Displacement: 12023cm³

Max. Net Power: DIN 207Kw @ 2300 rpm

Max. Torque: DIN 1186 Nm @ 1300 rpm

Compression Ratio: 16:1

RAC Rating: 678

ENGINE LUBRICATION

Type: Pressure feed with full flow paper element and partial flow depth type oil filter. Oil cooler. Restriction warning indicator.
Capacity: 28 litres including filter.

ENGINE COOLING

Fan Type: 7 blade plastic fan, 650mm diameter
Radiator: 810 x 691 x 88mm tube and corrugated fin with sub tank.
Frontal area: 5597 cm²
Corrosion Resistor

AIR CLEANER

Donaldson paper element, vertical air intake system. Model FTG 15 with Pre Air Cleaner.

FUEL SYSTEM

Injection pump: Diesel Kiki in-line P-type with all speed governor and pre fuel filter.
Fuel Tank Capacity: 418 litres.

ELECTRICAL SYSTEM

Alternator: 24 volt-40 amp.
Batteries: 2 x 12volt, 150 amp hr. each battery. Negative earth.
Starter: 24 volt, 7.4kW output.

FRAME

Type: Ladder type construction with channel section side members.
Width: 850mm.
Side Member dimensions: 285x85x7mm.

STEERING

Type: Recirculating ball with linkage type power assist.

SUSPENSION FRONT

Type: Semi-elliptical alloy steel leaf springs.
Size: Length x width - number of leaves: 1450x80mm - 9.
Shock Absorbers: Hydraulic double acting telescopic.

SUSPENSION REAR

Type: Semi-elliptical alloy steel leaf springs
with 6 torque rod links.
Size: Length x width - number of leaves: 1300x90mm - 8.

TRANSMISSION

Type: Fuller RTO 11613, 13 speed with overdrive. Ratios to 1.
Low: 12.56 1st: 8.32 2nd: 6.18 3rd: 4.54 4th: 3.38
5th: 2.46 5thO/D: 2.15 6th: 1.83 6thO/D: 1.60 7th: 1.34
7thO/D: 1.17 8th: 1.00 8thO/D: 0.87 Rev: 3.89 LowRev: 13.13
 Optional Equipment: Fuller RT 11609A - 9 speed transmission.

WHEELS & TYRES

Wheel and rims: 7.50V x 20. 10 stud disc wheels.
Tyres: 10.00 x 20 - 12 ply.
 Optional Equipment: 10.00 R x 20 - 14 Ply Radial Tyres.

GMH 12/20 WARRANTY

Every Isuzu is covered by the GMH Warranty which covers the vehicle for the first 12 months or 20,000 kilometres.

Major engine components and driveline components have additional extended warranty. Please consult your GMH/ISUZU dealer for complete and accurate details.

PLEASE NOTE: As the policy of General Motors-Holden's is one of continual product improvement, all specifications and equipment are subject to change without notice. Bodies illustrated are not standard.

No GMH dealer or other person is authorised or permitted to give or make any statement assertion or undertaking in relation to the quality performance characteristics descriptions or fitness for any purpose of any GMH product or in connection with the supply of any GMH product which is at variance with any written statement assertion or undertaking on any of these subjects given or made by General Motors-Holden's Limited or General Motors-Holden's Sales Pty. Ltd. in its published sales literature, and neither company accepts any liability for any such unauthorised action.

General Motors-Holden's Limited and General Motors-Holden's Sales Pty. Ltd. have franchised dealers in many parts of Australia for the sale of service parts and the provision of service to owners of GMH's products. Every endeavour is made to ensure that such dealers carry adequate stocks of service parts, and are equipped to provide satisfactory service, but neither General Motors-Holden's Limited nor General Motors-Holden's Sales Pty. Ltd. makes any promise, other than that contained in the New Vehicle Warranty given by General Motors-Holden's Sales Pty. Ltd., that such parts or service facilities will be available, or available at any specific location or any particular time.

General Motors-Holden's Sales Pty. Ltd.

*Not with optional 9 speed transmission.

YOUR GMH ISUZU DEALER



Reliability is everything.